## IAP15 Rec'd PCT/PTO 15 JUN 2006

PTO-1390 (Rev. 07-2005)
Approved for use through 3/31/2007. OMB 0651-0021
U.S. Patent and Trademark Office; U.S. DEPARTMNT OF COMMERCE

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TRANSMITTAL LETTER TO	ATTORNEY'S DOCKET NUMBER								
DESIGNATED/ELECTED									
CONCERNING A SUBMISSIO	U.S. APPLICATION NO (IFKINDAN) See 27 EER 1.5)								
INTERNATIONAL APPLICATION NO. PCT/EP2003/014329	INTERNATIONAL FILING DATE 12/16/2003	PRIORITY DATE CLAIMED							
TITLE OF INVENTION Cartridge Device for Blood Analysis									
APPLICANT(S) FOR DO/EO/US Andreas Calatzis, Ben Krüger, Marc Wittwer									
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:									
1. X This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.									
2. This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.									
3. This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below.									
4. X The US has been elected (Article 31).									
5. X A copy of the International Application as filed (35 U.S.C. 371 (c)(2))									
<ul> <li>a. is attached hereto (required only if not communicated by the International Bureau).</li> </ul>									
b. X has been communicated by the International Bureau.									
c. is not required, as the	application was filed in the United State	s Receiving Office (RO/US).							
6. X An English language translation of	6. X An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)).								
<ul> <li>a. X is attached hereto.</li> </ul>									
b. has been previously su	ubmitted under 35 U.S.C. 154(d)(4).								
7. Amendments to the claims of the	International Application under PCT Ar	ticle 19 (35 U.S.C. 371(c)(3))							
a. are attached here	a. are attached hereto (required only if not communicated by the International Bureau).								
]	b. have been communicated by the International Bureau.								
c. have not been ma	c. have not been made; however, the time limit for making such amendments has NOT expired.								
	d. X have not been made and will not be made.								
8. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).									
9. An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).									
10. An English language translation of Article 36 (35 U.S.C. 371(c)(5)).	of the annexes of the International Prelia	minary Examination Report under PCT							
Items 11 to 20 below concern documen	· •								
11. An Information Disclosure Staten	nent under 37 CFR 1.97 and 1.98.								
12. An assignment document for reco	ording. A separate cover sheet in comp	oliance with 37 CFR 3.28 and 3.31 is included.							
13. X A preliminary amendment.									
<ol><li>14.  An Application Data Sheet under</li></ol>	37 CFR 1.76.								
15. A substitute specification.									
16. A power of attorney and/or change of address letter.									
17. A computer-readable form of the sequence listing in accordance with PCT Rule 13 <i>ter</i> .2 and 37 CFR 1.821 – 1.825.									
18. A second copy of the published International Application under 35 U.S.C. 154(d)(4).									
19. A second copy of the English lan	guage translation of the international ap	oplication under 35 U.S.C. 154(d)(4).							
This collection of information is required by 37 CFR 1.4	14 and 1 491–1 492. The information is required	to obtain or retain a benefit by the public, which is to file (and by							

This collection of information is required by 37 CFR 1.414 and 1.491–1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Page 1 of 3

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I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail to Addressee" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to the Commissioner for Patents, P.O. Box

Stacie H. Boswell Staci H. Boswell

1450, Alexandria, VA 22313-1450.

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40	L Uggert De Pari	ryork Reduction Act of	of 1995, no persons are required to r				
_U.S. APP	ION MO. G MOWY:	INTERNATIONAL APPLICATION NO. PCT/EP2003/014329				ATTORNEY'S DOCKET NUMBER 1406/354	
	Other items or informa				-		
			Version (24 pages)				
	iubstitute Specificat	ion – Clean Vers	ion (24 pages)				
The follow	ving fees have been s	ubmitted				CALCULATIONS	PTO USE ONLY
_	-				\$300	\$ 300	<u> </u>
21. A Dasic Hallorian ree (37 Orth 1.432(d))							
00 V 5 m visit of the (07 050 4 400/e))							
22. X Examination fee (37 CFR 1.492(c))  If the written opinion prepared by ISA/US or the international preliminary examination report prepared							
by IPEA	/US indicates all clain	ns satisfy provision	ns of the PCT PCT Article 33(	1)-(4)	\$0		
All other situation	ıs			<i>.</i> .	. \$200	\$ 200	
If the written opinion	ch fee (37 CFR 1.492 on of the ISA/US or th	e international pre	eliminary examination report p	repare	ed by		
IPEA/U	IS indicates all claims	satisfy provisions	of the PCT Article 33(1)-(4).		\$0		
Search fee (37 CF	R 1.445(a)(2)) has be	en paid on the int	ernational application to the U	JSPTC	) as an		
	Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority						
International Searc	h Renort prepared by	an ISA other tha	n the US and provided to the	Office	or		
- International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB					\$400		
All other situation		\$500			\$ 400		
	TOTAL OF 21, 22 and 23 =					\$ 900	
Additiona	I fee for specification	and drawings filed	d in paper over 100 sheets (ex	cludin	ng		
			fr 1.821(c) or (e) or computer	progra	am listing in an		
electronic medium) (37 CFR 1.492(j)).  The fee is \$250 for each additional 50 sheets of paper or fraction thereof.							
Total Sheets Extra sheets Number of each additional 50 or fraction RATE							
Total officets	Extra sricets	thereof (round up to a whole number)					
42 -100 =	0 /50 =		0		x \$250	\$ 0	
Surcharge of \$130	.00 for furnishing any	of the search fee	, examination fee, or the oath	or de	claration after	\$ 0	
the date of the con	nmencement of the n	ational stage (37	CFR 1.492(h)).				
CLAIMS	CLAIMS NUMBER FILED NUMBER EXTRA RATE		RATE	\$			
Total claim	ns	30 - 20 =	10	X	\$50	\$ 500	<u> </u>
Independent claim	s	3 - 3 =	0	X	\$200	\$ 0	<del>_</del>
MULTIPLE DEPENDENT CLAIM(S) (if applicable) + \$360						\$ 0	
TOTAL OF ABOVE CALCULATIONS =					\$1,400		
Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.					\$1,400		
SUBTOTAL =					\$1,400		
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed							
priority date (37 CFR 1.492(i)). +					\$ 0		
TOTAL NATIONAL FEE =					\$1,400		
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an					\$ 0		
appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +							
TOTAL FEES ENCLOSED =					\$1,400		
		· · · · · · · · · · · · · · · · · · ·				Amount to be	\$
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						Amount to be	\$
						charged:	<u> </u>

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a. X A check in the amount of \$ 1400.00 to cover the above respected PCT/PTO 15 JUN 2000
b. Please charge my Deposit Account No in the amount of \$ to cover the above fees.  A duplicate copy of this sheet is enclosed.
c. X The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-0426 A duplicate copy of this sheet is enclosed.
d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.
SEND ALL CORRESPONDENCE TO:  SIGNATURE:
Richard E. Jenkins NAME
28,428 REGISTRATION NUMBER
$\frac{6-15-06}{\text{Date}}$
Richard E. Jenkins Jenkins, Wilson, Taylor & Hunt, P.A. 3100 Tower Boulevard Suite 1200 – University Tower Durham, North Carolina 27707 UNITED STATES OF AMERICA

Form PTO-1390 (REV. 07-2005)